

U.S. Department of Transportation

## IAEA CERTIFICATE OF COMPETENT AUTHORITY SPECIAL FORM RADIOACTIVE MATERIALS

Pipeline and Hazardous Materials Safety Administration CERTIFICATE USA/0077/S-96, REVISION 10

This certifies that the source described has been demonstrated to meet the regulatory requirements for special form radioactive material as prescribed in the regulations of the International Atomic Energy Agency $^1$  and the United States of America $^2$  for the transport of radioactive material.

- 1. Source Identification 3M Model 4F6S.
- 2. Source Description Cylindrical double encapsulation constructed of Type 304 stainless steel and seal welded. Approximate outer dimensions are 12.7 mm (0.5 in.) in diameter and 19.05 mm (0.75 in.) in length. Construction shall be in accordance with attached 3M Company Drawing No. 1921-897.
- 3. <u>Radioactive Contents</u> No more than 0.14 TBq (4.0 Ci) of Cesium-137 in the form of 3M Brand Radiating Ceramic Microspheres.
- 4. Management System Activities Records of Management System activities required by Paragraph 306 of the IAEA regulations shall be maintained and made available to the authorized officials for at least three years after the last shipment authorized by this certificate. Consignors in the United States exporting shipments under this certificate shall satisfy the requirements of Subpart H of 10 CFR 71.
- 5. Expiration Date This certificate expires on May 31, 2025. Previous editions which have not reached their expiration date may continue to be used.

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<sup>&</sup>lt;sup>1</sup> "Regulations for the Safe Transport of Radioactive Material, 2012 Edition, No. SSR-6" published by the International Atomic Energy Agency (IAEA), Vienna, Austria.

<sup>&</sup>lt;sup>2</sup> Title 49, Code of Federal Regulations, Parts 100-199, United States of America.

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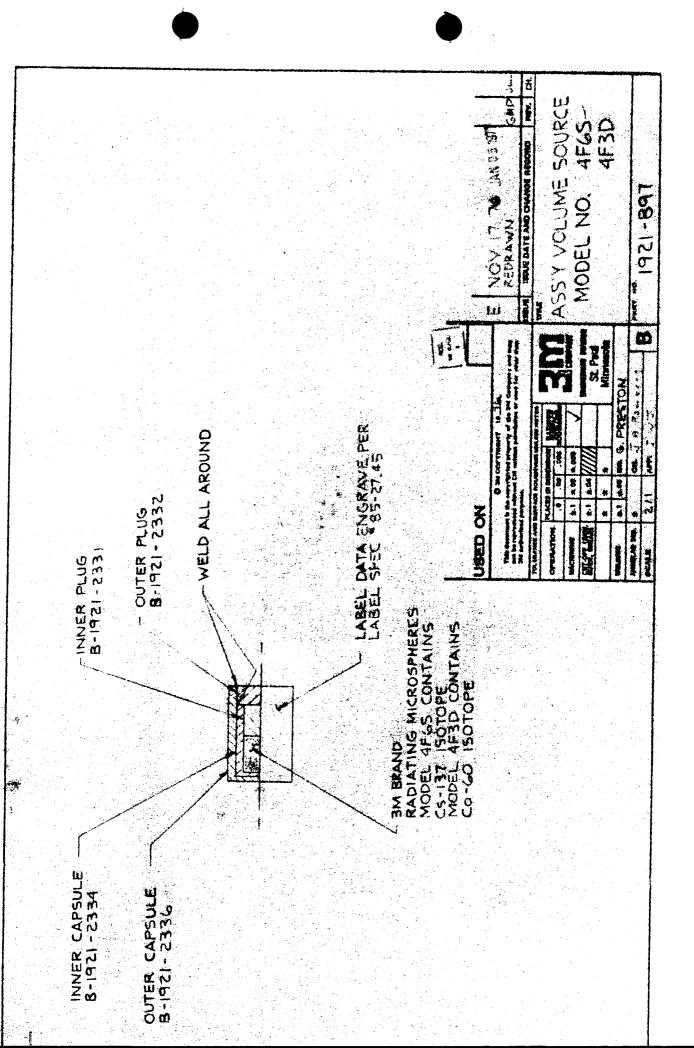
This certificate is issued in accordance with paragraph(s) 804 of the IAEA Regulations and Section 173.476 of Title 49 of the Code of Federal Regulations, in response to the April 15, 2020 petition by J.L. Shepherd & Associates, San Fernando, CA, and in consideration of other information on file in this Office.

Certified By:

William Schoonover

William Schoonover Associate Administrator for Hazardous Materials Safety May 13, 2020 (DATE)

Revision 10 - Issued to extend the expiration date.





## U.S. Department of Transportation

Pipeline and Hazardous Materials Safety Administration

CERTIFICATE NUMBER: USA/0077/S-96

## ORIGINAL REGISTRANT(S):

J.L. Shepherd & Associates 1010 Arroyo Ave. San Fernando, CA, 91340-1822 USA

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